It is also possible to consider applying the SI prefixes to unimaginably small numbers by simply adding extra Greek letter prefixes from the table Γ or γ being placeholders. And also to consider grouping the prefixes in threes to make the threat of error less when reading. The only difference from the positive exponent case is that new prefixes are added between the SI prefix and the existing Greek prefixes.

Consider

$$1.2345 \times 10^{-12345678901234567890123456789}$$

Dividing the exponent by 30 gives $-411,522,630,041,152,263,004,115,226.3$

Considering the magnitude of the integer part of the resulting number, replace each digit by the Greek letter prefix from the table:

$$\xi\delta\delta\pi\theta\theta\sigma\lambda\gamma\gamma\xi\delta\delta\pi\theta\theta\pi\lambda\gamma\gamma\xi\delta\delta\pi\theta\theta\sigma$$

Now insert the groups of three markers with small capital Roman numerals superscripts:

$$\xi\delta\delta^{\mathrm{I}}\pi\theta\theta^{\mathrm{I}}\sigma\lambda\gamma^{\mathrm{II}}\gamma\xi\delta^{\mathrm{I}}\delta\pi\theta^{\mathrm{I}}\pi\lambda^{\mathrm{II}}\gamma\gamma\xi^{\mathrm{I}}\delta\delta\pi^{\mathrm{I}}\theta\theta\sigma$$

Now reverse the order of the prefixes to put the larger to the left and the smaller to the right:

$$\sigma\theta\theta^{\mathrm{I}}\pi\delta\delta^{\mathrm{I}}\xi\gamma\gamma^{\mathrm{II}}\lambda\pi\theta^{\mathrm{I}}\theta\pi\delta^{\mathrm{I}}\delta\xi\gamma^{\mathrm{II}}\gamma\lambda\sigma^{\mathrm{I}}\theta\theta\pi^{\mathrm{I}}\delta\delta\xi$$

Then consider the SI Prefix range by looking at the decimal fraction part -0.3 and multiply by 30 to give -9. After all the rest of the exponent is dealt with in the Greek prefixes, the number to be represented is 1.2345×10^{-9} or 1.2345 nanounits. Hence the resulting magnitude is

$$1.2345\,\sigma\theta\theta^{\mathrm{I}}\pi\delta\delta^{\mathrm{I}}\xi\gamma\gamma^{\mathrm{II}}\lambda\pi\theta^{\mathrm{I}}\theta\pi\delta^{\mathrm{I}}\delta\xi\gamma^{\mathrm{II}}\gamma\lambda\sigma^{\mathrm{I}}\theta\theta\pi^{\mathrm{I}}\delta\delta\xi\mathrm{n}$$

Again,

$$1.2345 \times 10^{-123456789012345678901234567890123456789}$$

Dividing the exponent magnitude by 30 gives 411,522,630,041,152,263,004,115,226,300.4

Considering the integer part, replace each digit by the corresponding Greek prefix

$$\xi\delta\delta\pi\theta\theta\sigma\lambda\gamma\gamma\xi\delta\delta\pi\theta\theta\pi\lambda\gamma\gamma\xi\delta\delta\pi\theta\theta\sigma\lambda\gamma\gamma$$

And then group the prefixes in threes

$$\xi\delta\delta^{\mathrm{III}}\pi\theta\theta^{\mathrm{I}}\sigma\lambda\gamma^{\mathrm{I}}\gamma\xi\delta^{\mathrm{II}}\delta\pi\theta^{\mathrm{I}}\theta\pi\lambda^{\mathrm{I}}\gamma\gamma\xi^{\mathrm{II}}\delta\delta\pi^{\mathrm{I}}\theta\theta\sigma^{\mathrm{I}}\lambda\gamma\gamma$$

Now reverse the prefix order:

$$\gamma\gamma\lambda^{\mathrm{I}}\sigma\theta\theta^{\mathrm{I}}\pi\delta\delta^{\mathrm{II}}\xi\gamma\gamma^{\mathrm{I}}\lambda\pi\theta^{\mathrm{I}}\theta\pi\delta^{\mathrm{II}}\delta\xi\gamma^{\mathrm{I}}\gamma\lambda\sigma^{\mathrm{I}}\theta\theta\pi^{\mathrm{III}}\delta\delta\xi$$

Then considering the decimal fraction -0.4 and multiply by 30 to give -12. After all of the rest of the exponent is dealt with in Greek prefixes the number to be represented is 1.2345×10^{-12} or 1.2345 picounits. Hence:

$$1.2345\,\gamma\gamma\lambda^{\mathrm{I}}\sigma\theta\theta^{\mathrm{I}}\pi\delta\delta^{\mathrm{II}}\xi\gamma\gamma^{\mathrm{I}}\lambda\pi\theta^{\mathrm{I}}\theta\pi\delta^{\mathrm{II}}\delta\xi\gamma^{\mathrm{I}}\gamma\lambda\sigma^{\mathrm{I}}\theta\theta\pi^{\mathrm{III}}\delta\delta\xi\mathrm{p}$$